

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/01660

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A01D34/66

10/516329

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 965 258 A (KRONE BERNHARD GMBH MASCHF) 22 December 1999 (1999-12-22) cited in the application column 4, line 26 -column 5, line 46; figures 2,3 ---	1-4, 6, 8, 9, 15
A	US 4 761 940 A (WOLFF MICHEL) 9 August 1988 (1988-08-09) column 5, line 1 - line 33 column 8, line 53 -column 9, line 12 ---	1, 2, 4, 8-10, 15
A	US 5 012 635 A (WALTERS JAMES C ET AL) 7 May 1991 (1991-05-07) ---	
A	EP 0 878 120 A (KRONE BERNHARD GMBH MASCHF) 18 November 1998 (1998-11-18) ---	
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

20 October 2003

Date of mailing of the international search report

28/10/2003

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

De Lameilleure, D

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 83/01660

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 427 353 A (FORD NEW HOLLAND INC) 15 May 1991 (1991-05-15) ---	
A	US 4 890 445 A (CRANE JACK W) 2 January 1990 (1990-01-02) ---	
A	US 4 426 828 A (NEUERBURG HORST) 24 January 1984 (1984-01-24) -----	

INTERNATIONAL SEARCH REPORT

for on patent family members

International Application No.

PCT/JP83/01660

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0965258	A	22-12-1999	DE 19827072 A1	30-12-1999
			EP 0965258 A1	22-12-1999
US 4761940	A	09-08-1988	FR 2570248 A1	21-03-1986
			AT 69535 T	15-12-1991
			AT 90501 T	15-07-1993
			AT 88852 T	15-05-1993
			DE 3584711 D1	02-01-1992
			DE 3587325 D1	09-06-1993
			DE 3587325 T2	13-01-1994
			DE 3587411 D1	22-07-1993
			DE 3587411 T2	17-02-1994
			DK 129092 A	23-10-1992
			DK 129192 A	23-10-1992
			DK 401785 A	20-03-1986
			EP 0175629 A1	26-03-1986
			EP 0300207 A2	25-01-1989
			EP 0297384 A2	04-01-1989
			FI 853573 A ,B,	20-03-1986
			FI 891553 A ,B,	31-03-1989
			JP 1892892 C	26-12-1994
			JP 6016657 B	09-03-1994
			JP 62019020 A	27-01-1987
US 5012635	A	07-05-1991	CA 2041475 A1	02-12-1991
			DE 69106592 D1	23-02-1995
			EP 0460491 A1	11-12-1991
EP 0878120	A	18-11-1998	DE 19720956 A1	19-11-1998
			AT 204117 T	15-09-2001
			DE 59801204 D1	20-09-2001
			DK 878120 T3	12-11-2001
			EP 0878120 A2	18-11-1998
EP 0427353	A	15-05-1991	EP 0427353 A2	15-05-1991
			CA 1269846 A1	05-06-1990
			DE 3781440 D1	08-10-1992
			DE 3781440 T2	18-02-1993
			EP 0240084 A2	07-10-1987
			US 4838014 A	13-06-1989
US 4890445	A	02-01-1990	NONE	
US 4426828	A	24-01-1984	FR 2496391 A1	25-06-1982
			DE 3149873 A1	29-07-1982
			DE 3149887 A1	26-08-1982
			DK 546981 A	20-06-1982
			DK 547081 A	20-06-1982
			GB 2089636 A ,B	30-06-1982
			GB 2089637 A ,B	30-06-1982
			IT 1168199 B	20-05-1987
			IT 1168200 B	20-05-1987
			JP 1692252 C	27-08-1992
			JP 3046085 B	15-07-1991
			JP 57150318 A	17-09-1982
			JP 1656978 C	13-04-1992
			JP 3012843 B	21-02-1991
			JP 57150319 A	17-09-1982

INTERNATIONAL SEARCH REPORT

for [redacted] on patent family members

International application No

PCT/JP83/01660

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4426828	A	NL 8105730 A ,B,	16-07-1982
		NL 8105731 A	16-07-1982
		US 4443998 A	24-04-1984
<hr/>			